

Weekly Report

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Done

- Revised the pictures in the patent, translate English into Chinese.
- Went to netease to conduct a user study. Conducted five user studies in the lab. Four more user studies are to be conducted tomorrow.
- Transferred the paper into TVCG template. Obviously we need to cut much materials to limit the pages under 14.

To do

- visa interview.
- Finish revision. Plan for the revision:
 - By Aug 8, finish user study (except for XieLuyi in netease). Arrange what have been collected.
 - Finish experiment part of paper.
 - Final revision, proof reading, and complete cover letter.

Papers.

- Proceedings of Graphics Interface 2014 *ReCloud: Semantics-Based Word Cloud Visualization of User Reviews*: 对用户评价的可视化. 原理比较简单, 以后可能可以利用类似的思路, 作为一个可视系统的组件. 思路是用NLP方法构建一个图, 然后用一种改进的力引导布局(能量模型)展现出来. 方法步骤是: 首先对每个评价, 把句子分解为一个dependency parse graph; 然后对每个餐馆的评价的parse graph 拼成单一的一个图. 最终给边, 点赋权, 利用类似IDF模型. 文章的case study是请一批人来根据餐馆评价挑选最好的, 与一般的词云布局图比较, 效果不错.
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